CLAIMS

What is claimed is:

1   1.   A method comprising:

2   generating a packet in response to a predetermined event;

3   storing the packet locally;

4   forwarding the packet with a client messaging application to a server messaging

5   application via a network connection managed by the client messaging application; and

6   dispatching the packet with the server messaging application to a messaging

7   handler that processes the packet.

1   2.   The method of claim 1 wherein the packet includes a target identifier and

2   a variable length data field.

1   3.   The method of claim 2 wherein the messaging server application selects a

2   messaging handler from a plurality of messaging handlers based on the target identifier.

1   4.   The method of claim 1 further comprising:

2   generating an acknowledge message in response to the packet being dispatched to

3   the messaging handler; and

4   communicating the acknowledge message from the messaging server application

5   to the messaging client application.

1   5.   The method of claim 4 wherein further comprising dropping the packet

2   from the local storage in response to the acknowledge message being received by the

3   messaging client application.

1   6.   An article comprising a machine-accessible medium to provide machine-

2   readable instructions that, when executed, cause one or more electronic systems to:

3   generate a packet in response to a predetermined event;

4   store the packet locally;

5   forward the packet with a client messaging application to a server messaging

6   application via a network connection managed by the client messaging application; and

7   dispatch the packet with the server messaging application to a messaging handler

8   that processes the packet.

1   7.   The article of claim 6 wherein the packet includes a target identifier and a

2   variable length data field.

1   8.   The article of claim 7 wherein the messaging server application selects a

2   messaging handler from a plurality of messaging handlers based on the target identifier.

1   9.   The article of claim 6 further comprising sequences of instructions that,

2   when executed, cause the one or more electronic systems to:

3   generate an acknowledge message in response to the packet being dispatched to

4   the messaging handler; and

5   communicate the acknowledge message from the messaging server application to

6   the messaging client application.

1   10.   The article of claim 9 wherein further comprising sequences of

2   instructions that, when executed, cause the one or more electronic systems to drop the

3   packet from the local storage in response to the acknowledge message being received by

4   the messaging client application.

1   11.   A computer data signal embodied in a data communications medium

2   shared among a plurality of network devices comprising sequences of instructions that,

3   when executed, cause one or more electronic systems to:

4   generate a packet in response to a predetermined event;

5   store the packet locally;

6   forward the packet with a client messaging application to a server messaging

7   application via a network connection managed by the client messaging application; and

8   dispatch the packet with the server messaging application to a messaging handler

9   that processes the packet.

1   12.   The computer data signal of claim 11 wherein the packet includes a target

2   identifier and a variable length data field.

1   13.   The computer data signal of claim 12 wherein the messaging server

2   application selects a messaging handler from a plurality of messaging handlers based on

3   the target identifier.

1   14.   The computer data signal of claim 11 further comprising sequences of

2   instructions that, when executed, cause the one or more electronic systems to:

3   generate an acknowledge message in response to the packet being dispatched to

4   the messaging handler; and

5   communicate the acknowledge message from the messaging server application to

6   the messaging client application.

1   15.   The computer data signal of claim 14 wherein further comprising

2   sequences of instructions that, when executed, cause the one or more electronic systems

3   to drop the packet from the local storage in response to the acknowledge message being

4   received by the messaging client application.

1   16.   A network architecture comprising:

2   a client electronic system having one or more processors to run one or more

3   programs and a memory system coupled to the processor, the memory system to store

4   one or more message packets, wherein the one or more processors also runs a messaging

5   client that forwards message packets stored in the memory system; and

6   a server electronic system coupled to the client electronic system, the server

7   electronic system having one or more processors to run one or more programs in a

8   memory system coupled to the processor, wherein the one or more processors runs a

9   messaging server that receives forwarded messages from the messaging client and

10   processes the messages in a predetermined manner.

1   17.   The network architecture of claim 16 further comprising a second client

2   electronic system having one or more processors to run one or more programs and a

3   memory system coupled to the processor, the memory system to store one or more

4   message packets, wherein the one or more processors also runs a messaging client that

5   forwards message packets stored in the memory system, and further wherein the one or

6   more processors runs a messaging server that receives forwarded messages from the

7   messaging client of the second client electronic system and processes the messages in a

8   predetermined manner.